



Seismic Design of Structures Masterclass

Civil, Structural & Construction

QGT-CIV-180 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Seismic Design of Structures Masterclass is a senior-level masterclass on strategy and performance in Seismic Design of Structures. It covers the principles, the requirements of ACI, AISC, Eurocodes, IBC and local building codes, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Seismic Design of Structures
- Apply the relevant requirements of ACI, AISC, Eurocodes, IBC and local building codes
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for civil and structural engineers, site engineers, consultants and inspectors in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Seismic Design of Structures

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
22–26 Mar 2027	Casablanca	Classroom	5 days	\$5,500
4–15 Jul 2027	Al Khobar	Classroom	10 days	\$9,900
12–16 Jul 2027	Dublin	Classroom	5 days	\$5,500
4–15 Oct 2027	Athens	Classroom	10 days	\$9,900
22–26 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Kuwait City	Classroom	5 days	\$5,500
20 Feb – 2 Mar 2028	Riyadh	Classroom	10 days	\$9,900
28 Feb – 3 Mar 2028	Istanbul	Classroom	5 days	\$5,500
17–28 Apr 2028	Sharjah	Classroom	10 days	\$9,900
10–14 Jul 2028	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2029	Doha	Classroom	5 days	\$5,500
5–16 Feb 2029	Budapest	Classroom	10 days	\$9,900
30 Apr – 4 May 2029	Edinburgh	Classroom	5 days	\$5,500
21 May – 1 Jun 2029	Dublin	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2030	Houston	Classroom	5 days	\$5,500
17–28 Jun 2030	Brussels	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2030	Munich	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2030	Edinburgh	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/seismic-design-of-structures-masterclass/>

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